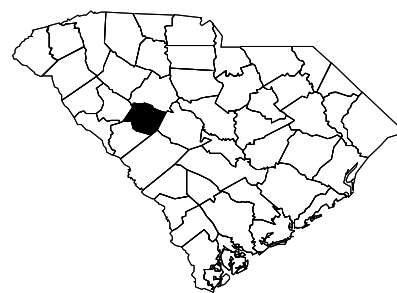


IMPACT OF CHRONIC CONDITIONS SALUDA County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Saluda county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Saluda county's population is similar to the state's. The majority (37%) of the population in Saluda county are between the ages of 18-44, and there is an equal distribution of males and females. Saluda county's minority population (30%) is similar to the state (32%). When adults in Saluda county were asked about their general health status, 67.5% reported having excellent, very good, or good health in 2002 (SC was 83%).

	SALUDA COUNTY	STATE
Population size	19,247	4,107,183
Age distribution (%)		
<18	23	24
18-44	37	40
45-64	25	24
65-84	13	11
85+	2	1
Race (%)		
White	70	68
Black & Other	30	32
Sex (%)		
Male	50	49
Female	50	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Saluda county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	26	27
Sedentary lifestyle	43	42
Overweight	60	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	27.5	.	.	.	.	28.4
Number of hospitalizations	18	11	7	6	12	5,173
Standard rate of hospitalizations (per 100,000)	86	201	41	70	111	125
Median age of hospitalized patients	63	53	78	48	78	63
Total cost of hospitalization (\$)	215,600	121,300	94,300	101,700	113,900	79,350,400
Average length of hospital stay (days)	4	3	5	6	3	5
Number of ED visits	.	.	.	.	.	7,306
Standard rate of ED visits (per 100,000)	45	108	17	18	71	175
Median age of ED patients	70	73	68	68	73	53
Total cost of ED visits (\$)	9,600	6,400	3,200	1,000	8,600	5,902,800
Number of deaths*	4	2	2	-	4	366
Standard death rate (per 100,000)*	18	43	11	-	30	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	7.18	.	.	.	.	5.13
Number of hospitalizations	102	28	74	57	45	30,831
Standard rate of hospitalizations (per 100,000)	474	530	443	578	382	734
Median age of hospitalized patients	68	63	68	63	68	68
Total cost of hospitalization (\$)	2,711,900	703,200	2,008,700	1,405,200	1,306,700	969,122,700
Average length of hospital stay (days)	4	3	5	3	5	5
Number of ED visits	10	3	7	6	4	2,754
Standard rate of ED visits (per 100,000)	44	55	39	53	35	66
Median age of ED patients	58	58	58	58	68	63
Total cost of ED visits (\$)	29,100	3,300	25,800	18,500	10,600	10,617,900
Number of deaths*	62	6	56	28	34	9,723
Standard death rate (per 100,000)*	280	121	328	332	240	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.01	.	.	.	.	2.38
Number of hospitalizations	60	19	41	31	29	14,317
Median age of hospitalized patients	73	58	73	68	73	73
Standard rate of hospitalizations (per 100,000)	279	336	237	342	237	351
Total cost of hospitalization (\$)	922,700	310,200	612,500	554,800	367,900	279,819,700
Average length of hospital stay (days)	5	5	5	5	4	6
Number of ED visits	.	.	.	.	.	2,732
Standard rate of ED visits (per 100,000)	29	58	19	31	25	67
Median age of ED patients	73	68	73	73	73	73
Total cost of ED visits (\$)	21,600	8,800	12,800	11,000	10,600	6,322,600
Number of deaths*	21	5	16	6	15	2,816
Standard death rate (per 100,000)*	92	97	90	76	95	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	38	19	19	14	24	14,524
Standard rate of hospitalizations (per 100,000)	184	331	123	152	213	351
Median age of hospitalized patients	53	33	63	48	58	58
Total cost of hospitalization (\$)	386,500	117,300	269,200	147,100	239,400	198,700,700
Average length of hospital stay (days)	4	2	5	3	4	5
Number of ED visits	63	39	24	28	35	37,517
Standard rate of ED visits (per 100,000)	330	654	165	291	365	914
Median age of ED patients	38	33	38	33	38	33
Total cost of ED visits (\$)	63,000	35,300	26,100	26,200	36,800	30,607,600
Number of deaths*	9	-	9	3	6	1,891
Standard death rate (per 100,000)*	41	-	51	30	43	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.36	.	.	.	.	8.33
Number of hospitalizations	22	13	9	9	13	8,652
Standard rate of hospitalizations (per 100,000)	103	240	56	89	114	207
Median age of hospitalized patients	53	53	58	53	58	53
Total cost of hospitalization (\$)	459,200	343,900	115,300	290,500	168,700	127,167,500
Average length of hospital stay (days)	6	7	3	8	3	6
Number of ED visits	22	16	6	9	13	9,316
Standard rate of ED visits (per 100,000)	103	304	36	87	115	224
Median age of ED patients	53	53	53	53	63	53
Total cost of ED visits (\$)	17,300	11,600	5,700	8,800	8,500	8,261,100
Number of deaths*	1	1	-	-	-	1,114
Standard death rate (per 100,000)*	5	.	-	-	-	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	87	30	57	27	60	24,644
Standard rate of hospitalizations (per 100,000)	418	576	353	282	549	591
Median age of hospitalized patients	63	48	68	73	58	58
Total cost of hospitalization (\$)	1,843,200	460,200	1,383,000	640,500	1,202,700	605,119,300
Average length of hospital stay (days)	6	5	7	8	5	6
Number of deaths*	54	19	35	31	23	8,320
Standard death rate (per 100,000)*	242	392	203	346	180	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	2,113
Standard rate of hospitalizations (per 100,000)	26	.	34	18	29	51
Median age of hospitalized patients	73	.	73	65	78	68
Total cost of hospitalization (\$)	179,300	.	179,300	98,800	80,500	80,248,200
Average length of hospital stay (days)	7	.	7	9	7	10
Number of deaths*	4	3	1	2	2	807
Standard death rate (per 100,000)*	18	68	5	20	13	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,465
Standard rate of hospitalizations (per 100,000)	26	69	11	.	51	35
Median age of hospitalized patients	63	60	65	.	63	63
Total cost of hospitalization (\$)	60,300	35,100	25,200	.	60,300	21,213,600
Average length of hospital stay (days)	2	2	2	.	2	3
Number of deaths*	3	1	2	-	3	630
Standard death rate (per 100,000)*	15	17	14	-	27	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	222
Standard rate of hospitalizations (per 100,000)	5
Median age of hospitalized patients	48
Total cost of hospitalization (\$)	3,668,300
Average length of hospital stay (days)	4
Number of deaths*	-	-	-	-	-	26
Standard death rate (per 100,000)*	-	-	-	-	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	2,154
Standard rate of hospitalizations (per 100,000)	35	35	35	47	27	51
Median age of hospitalized patients	65	63	68	68	63	68
Total cost of hospitalization (\$)	222,400	31,600	190,800	89,500	132,900	70,474,400
Average length of hospital stay (days)	9	8	10	10	9	9
Number of deaths*	19	7	12	13	6	2,481
Standard death rate (per 100,000)*	85	133	69	133	51	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,353
Standard rate of hospitalizations (per 100,000)	5	.	6	12	.	32
Median age of hospitalized patients	78	.	78	78	.	68
Total cost of hospitalization (\$)	10,700	.	10,700	10,700	.	24,726,200
Average length of hospital stay (days)	2	.	2	2	.	4
Number of deaths*	7	4	3	7	-	478
Standard death rate (per 100,000)*	30	85	17	98	-	12

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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